

Docket No.: 12810-00077-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Markus Schubert et al.

Application No.: Not Yet Assigned  
(Nat'l Stage Appl. of PCT/EP2003/012378, filed 11/6/2003)

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: CATALYST AND METHOD FOR  
PRODUCING ALCOHOL BY  
HYDROGENATION ON SAID CATALYST

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the National Stage patent application of PCT/EP2003/012378, filed November 6, 2003 submitted herewith.

A copy of each reference on the PTO/SB/08 is attached. The International Search Report for PCT/EP2003/012378, filed April 23, 2004 is also enclosed.

A concise explanation of relevance of the items listed on form PTO/SB/08 is provided as follows:

Application No.: Not Yet Assigned

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DE 100 09 817 corresponds to U.S. 2003/114719. In addition, the reference of EP 848 991, U.S. 4,145,962 and Bazin D. et al in "Applied Catalysts" can be found in the attached International Search Report for PCT/EP2003/012378.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 12810-00077-US. A duplicate copy of this paper is enclosed.

Dated: 5/11/05

Respectfully submitted,

By   
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11 MAY 2005

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449A/B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	Not Yet Assigned 10/534457
			Filing Date	Concurrently Herewith
			First Named Inventor	Markus Schubert
			Art Unit	N/A
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	12810-00077-US
Sheet	1	of	1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-2003/0114719	06/19/2003	Fischer et al.	
	AB	US-4,149,962	04/17/1979	Antos	
	AC	US-			
	AD	US-			
	AE	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	DT 25 19 817 A1	11/11/1976	Hoechst AG		
	BB	DE 100 09 817 A1	06/09/2001	BASF AG		
	BC	EP 0 848 991 A1	06/24/1998	The Standard Oil Co.		
	BD					
	BE					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	BAZIN, et al.; In situ study by XAS of the sulfidation of industrial catalysts: the Pt and PTr/Al <sub>2</sub> O <sub>3</sub> systems; 162 (1997) pp.171-180	
	CB		
	CC		
	CD		
	CE		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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